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1. Project location and Layout
2. Introduction

Safety in Heat Management System including OSHAD-SF Safety in Heat code of practice and technical guideline Implementations is an essential part of the way we do at WAZ Project. We continue to develop our “Zero Incident” approach to health & safety through management system implementation, training and inspections. Over the years, we have seen encouraging signs in our health & safety performance indicators, with trends showing sustained improvement. Maintaining the current trend of improving our health & safety performance, will be one of our key challenges during completion of the WAZ Project. We aim to comply with the health & safety regulations/guidelines introduced and update year of 2016 & 2017 by the Abu Dhabi Occupational Safety and Health Center (OSHAD).
3. Project Heat Stress Prevention and Control Program

WAZ Project integrated Heat Stress prevention and control program developed by the Contractor (ACC) as advised and reviewed by the consultant (Hyder). Its aligned with the OSHAD-SF CoP 11.0 - Safety in the Heat and OSHAD-SF - TG - Safety in the Heat. An established, safety in heat management system, implemented, assessed and continually improved. The main aim of the management system shall be to achieve and enhance safety by:

- Bringing together in a coherent manner all the legal and contractual requirements for managing the Project during summer session;
- Describing the planned and systematic actions necessary to provide adequate confidence that all these requirements are satisfied;
- Ensuring that health, environment, security, quality and economic requirements are not considered separately from safety requirements, to help preclude their possible negative impact on safety.
- Safety in heat shall be paramount within the management system.
3. Heat Stress Prevention and Control Initiatives

For increasing the safety in heat awareness, developing cultures and ensuring appropriate implementations of safety in heat management programs, conducted training sessions, safety campaigns, toolbox talks and issued safety shares.

Following practice steps/best practices at WAZ project to achieving “Zero Incident” approach during summer season.

- Appropriate Air-Conditioned summer break rest area.
- Appropriate Air-Conditioned Dining area.
- Appropriate drinking water station.
- Supply of clean drinking water and ice on site.
- Provision of Electrolyte.
- Full-fledged Operational First Aid Room.
- Full-fledged Operational Heat Stroke Treatment Room
- Full time availability of Authority approved Male Nurse.
- Full time availability Emergency car (Ambulance).
Heat stress can be a killer

April-2017

Summary Statement

Hazard alert can be describing the dangers of heat stress and dehydration in construction and driving, and steps can take to reduce this danger and tackling the situation.

Heat is a serious hazard in construction. Your body builds up heat when you work and sweats to get rid of extra heat. But sometimes your body may not cool off fast enough. This can happen, say, if you are up on a roof pouring hot asphalt or you are lifting heavy loads.

Too much heat can make you tired, hurt your job performance, and increase your chance of injury. You can get skin rash. You can also get:

- **Dehydration:** When your body loses water, you can’t cool off fast enough. You feel thirsty and weak.
- **Cramps:** You can get muscle cramps from the heat even after you leave work.
- **Heat exhaustion:** You feel tired, nauseous, headachy, and giddy (dizzy and silly). Your skin is damp and looks muddy or flushed. You may faint.
- **Heat stroke:** You may have hot dry skin and a high temperature. Or you may feel confused. You may have convulsions or become unconscious.

Heatstroke can kill you unless you get emergency medical help.

Protect Yourself

Try to do these thing:

- **Keep taking rest breaks:** Rest in a cool, shady spot. Use fans.
- **Wear light-colored clothing:** made of cotton.
- **Do the heaviest work in the coolest time of the day.**
- **Work in the shade.**
- **For heavy work in hot areas:** take turns with other workers, so some can rest.
- **If you think someone has heat stroke:** Immediately move the victim to the shade. Loosen his/her clothes. Wipe or spray his/her skin with cool water and fan him/her. You can use a piece of cardboard or other material as a fan.

Need More Information?

- Speak to your safety representative.
- further guidance and advice email to rizwan.ashraf@arcadis.com

For Emergency Response and Medical Help.

- Project Male Nurse +971 50 1937178
- Al Hayer Health Centre +971 3 7462295 / 7462241
- Ambulance 998
Heat Stress Awareness Training
Safety in Heat Campaigns
Drinking Water (03) Stations at site
Supply of Drinking Water and ICE
ICE Machine for Site Workers
Distribution and Stock of Electrolyte

6/5/17 6:36 AM

6/5/17 7:32 AM

ELECTROLYTE STOCK

Distribution and Stock of Electrolyte
Air-Conditioned summer break rest and Dining Area
Air-Conditioned Food Storage Room
Emergency Arrangement Including
Heat Stroke Treatment Room
Safety in Heat Posters Displayed
4. Inspection and Auditing

Joint inspection with the Contractor Management minimal 01 joint inspection per week under the supervision of Hyder to mitigate the workplace hazard/risks and provide safe working environment to the project employees during inspection our special focus on safety in heat.

Moreover, to ensure appropriate implementation of Project Heat Stress Prevention and Control Program internal audit carried out regularly.
Safety in Heat Inspection and Audit
Safety in Heat Inspection and Audit